

The Trail Inventory of Great Bay NWR Newington, NH



Prepared By:
Federal Highway Administration
Central Federal Lands Highway Division
April, 2012



TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
I. <u>TRAIL AND TRAIL FEATURE SUMMARIES</u>	1 - 1
II. <u>TRAIL LOCATION MAPS</u>	2 - 1
III. <u>TRAIL IDENTIFICATION LIST</u>	3 - 1
IV. <u>TRAIL CONDITION RATING SHEETS</u>	4 - 1
V. <u>TRAIL DEFICIENCY RATING SHEETS</u>	5 - 1
VI. <u>PHOTOGRAPHIC SHEETS</u>	6 - 1
VII. <u>GLOSSARY</u>	i

Great Bay NWR

Trail and Trail Feature Summaries

Trail Miles and Percentages by Surface Type and Condition

Trail Surface Type	Excellent		Total
	Miles	%	Miles
Asphalt	0.15	100%	0.15
Boardwalk	0.44	100%	0.44
Mowed	1.34	100%	1.34
Total	1.93	100%	1.93

Trail Miles and Percentages by Trail Classification and Condition

Trail Classification	Excellent		Total
	Miles	%	Miles
TC3	1.34	100%	1.34
TC5	0.59	100%	0.59
Total	1.93	100%	1.93

*Admin Roads are included in the inventory but are not rated for condition.

Trail Features

Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T301	Trailhead	1	No	0.00	GREA_C2_001 1
T301	Sign	4	No	0.02	GREA_C2_145 4
T301	Begin Section	1	No	0.15	GREA_C2_001 2
T301	Sign	8	Yes	0.21	GREA_C2_145 7
T301	Sign	2	No	0.24	GREA_C2_145 5
T301	Bench	1	No	0.51	
T301	Culvert -lf	30	No	0.61	
T301	Culvert -lf	20	No	0.74	
T301	Lookout/Ob Deck	1	No	0.94	
T301	Bench	1	No	0.94	
T301	Sign	1	No	0.94	GREA_C2_145 9
T301	Lookout/Ob Deck	1	No	0.94	
T301	Boardwalk -lf	60	No	1.47	GREA_C2_001 5
T500	Trailhead	1	No	0.00	GREA_C2_000 1
T500	Sign	3	No	0.00	GREA_C2_145 1
T500	Sign	1	No	0.01	GREA_C2_145 2
T500	Bench	1	No	0.06	
T500	Bench	1	No	0.17	
T500	Lookout/Ob Deck	1	No	0.23	
T500	Begin Section	1	No	0.23	
T500	Bench	1	No	0.23	
T500	Bench	1	No	0.23	
T500	Sign	4	Yes	0.44	GREA_C2_000 2

sf - square feet

lf - linear feet

cf - cubic feet

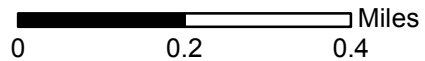
Great Bay NWR Trail Location Map



Station Boundary



HQ/VC



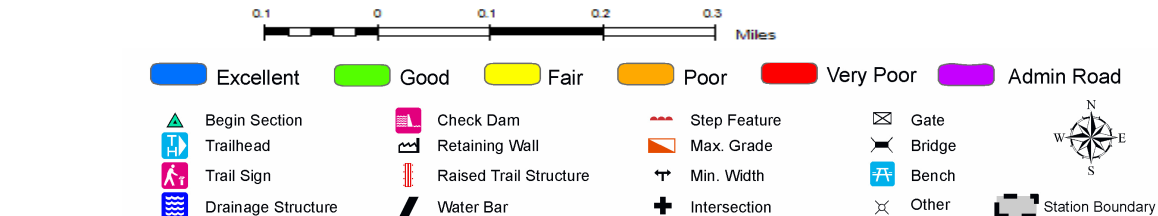
Trails ID

Station Name: Great Bay NWR

Org Code: 53570

Trail Number	Trail Name	Surface Type	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T301	Ferry Way Trail	Asphalt	10024288	0.15	From West of Visitor Parking (Rte 900) to End of Loop
T301	Ferry Way Trail	Mowed	10024288	1.34	From West of Visitor Parking (Rte 900) to End of Loop
T500	Peverely Pond Trail	Boardwalk	10024281	0.44	From East of Visitor Parking (Rte 900) to End of loop @ Visitor Parking (Rte 900)

TRAIL CONDITION



Trail Name: Ferry Way Trail

Refuge Name: Great Bay NWR

Trail Number: T301

Region: 5

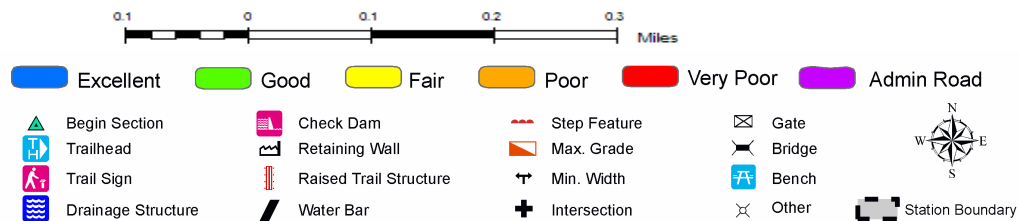
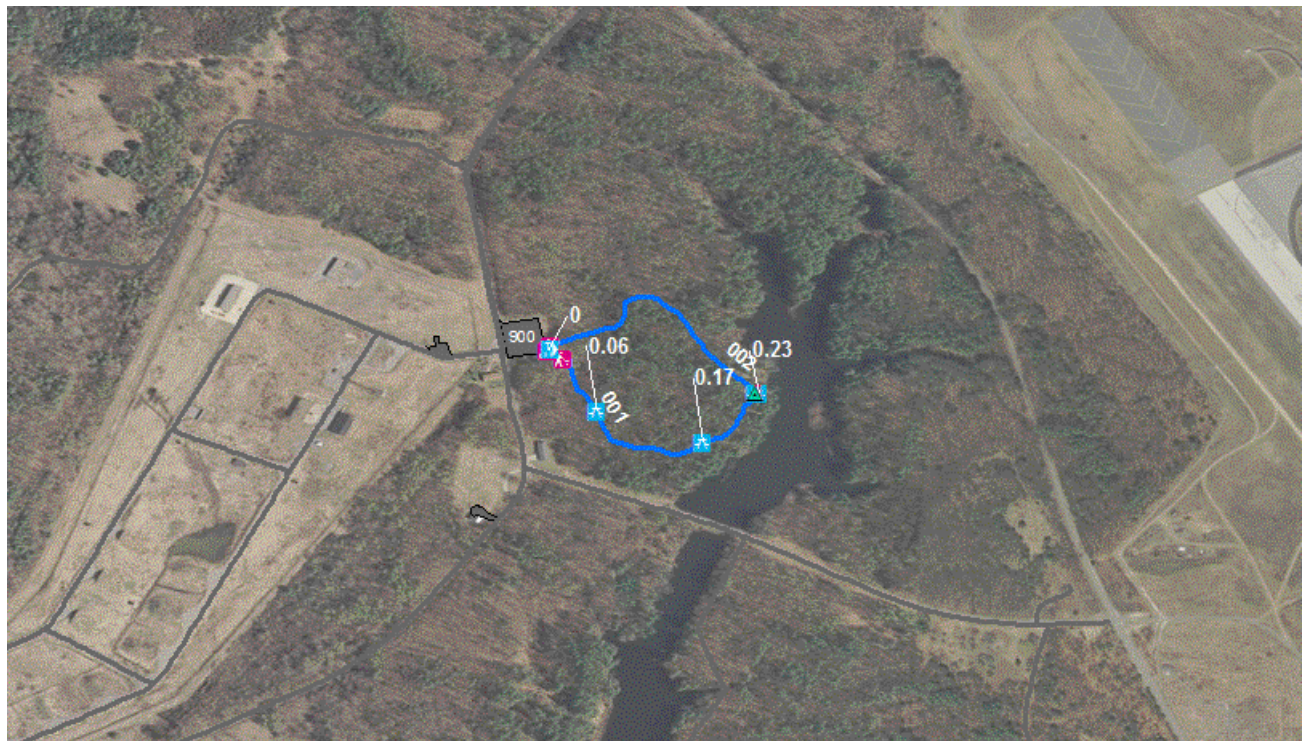
Total Length: 1.49 Miles

Section Number	001	002
Section Length (miles)	0.15	1.34
SAMMS Number	10024288	10024288
Rating Date	08/06/2006	08/06/2006
Trail Section Information		
Trail Class	TC5	TC3
Surface Type	Asphalt	Mowed
Surface Firmness	Paved	Soft
Width (inches)	48	48
Average Grade (%)	1.9	1.9
Average X-slope (%)	3.70	3.70
Trail Condition Information		
Deferred Maintenance		\$50
CRV	\$22,114	\$35,303
FCI	0.00	0.00
Condition	Excellent	Excellent

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$50	\$57,417	0.00	Excellent

TRAIL CONDITION



Trail Name: Peverly Pond Trail
Trail Number: T500

Refuge Name: Great Bay NWR
Region: 5

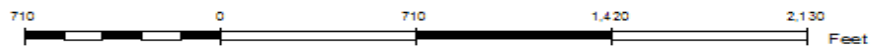
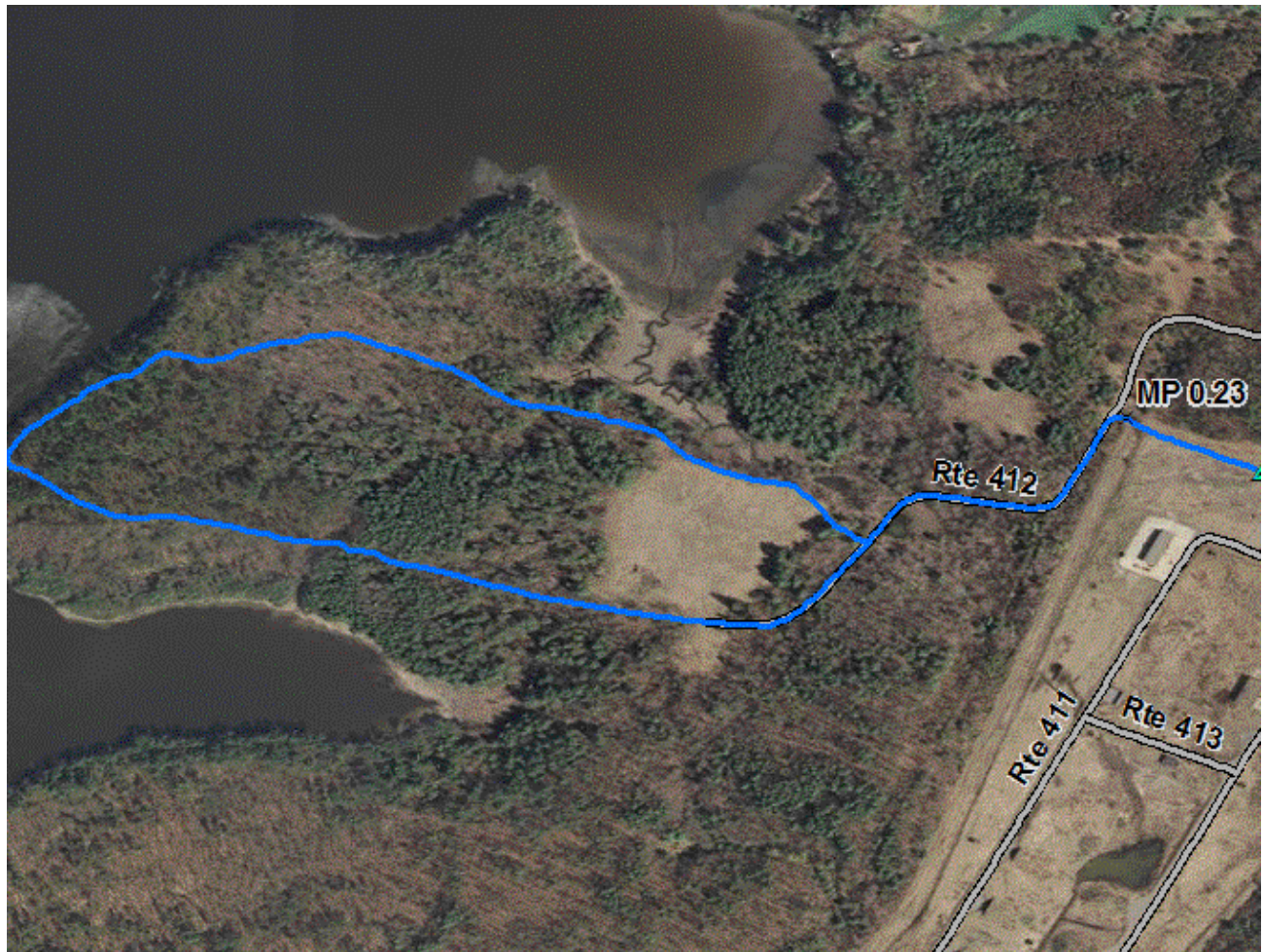
Total Length: 0.44 Miles

Section Number	001	002
Section Length (miles)	0.23	0.21
SAMMS Number	10024281	10024281
Rating Date	08/06/2006	08/06/2006
Trail Section Information		
Trail Class	TC5	TC5
Surface Type	Boardwalk	Boardwalk
Surface Firmness	Boardwalk	Boardwalk
Width (inches)	36	36
Average Grade (%)	1.5	1.5
Average X-slope (%)	1.40	1.40
Trail Condition Information		
Deferred Maintenance		
CRV	\$98,276	\$89,724
FCI	0.00	0.00
Condition	Excellent	Excellent

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
	\$188,000	0.00	Excellent

TRAIL DEFICIENCY



Trail Name: Ferry Way Trail

Refuge Name: Great Bay NWR

Trail Number: T301

Region: 5

Total Length: 1.49 Miles

Mile Post	0.23
Section Number	002
Photo Number	GREC_C2_1456
Deficiency	Other
Action	Repair
Item	Other
Quantity	1
Deferred Maintenance	\$50

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T301
STATION: Great Bay NWR
DATE: 08/06/2006



Photo # GREA_C2_0011 - MP 0.00 - Trailhead

TRAIL NUMBER: T301
STATION: Great Bay NWR
DATE: 10/04/2011



Photo # GREA_C2_1454 - MP 0.02 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T301
STATION: Great Bay NWR
DATE: 08/06/2006



Photo # GREA_C2_0012 - MP 0.15 - Begin Section

TRAIL NUMBER: T301
STATION: Great Bay NWR
DATE: 10/04/2011



Photo # GREA_C2_1457 - MP 0.21 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T301
STATION: Great Bay NWR
DATE: 10/04/2011



Photo # GRE_A_C2_1455 - MP 0.24 - Sign

TRAIL NUMBER: T301
STATION: Great Bay NWR
DATE: 10/04/2011



Photo # GRE_A_C2_1459 - MP 0.94 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T301
STATION: Great Bay NWR
DATE: 08/06/2006



Photo # GREA_C2_0015 - MP 1.47 - Boardwalk -lf

TRAIL NUMBER: T500
STATION: Great Bay NWR
DATE: 08/06/2006



Photo # GREA_C2_0001 - MP 0.00 - Trailhead

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500
STATION: Great Bay NWR
DATE: 10/04/2011



Photo # GREA_C2_1451 - MP 0.00 - Sign

TRAIL NUMBER: T500
STATION: Great Bay NWR
DATE: 10/04/2011



Photo # GREA_C2_1452 - MP 0.01 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500

STATION: Great Bay NWR

DATE: 08/06/2006



Photo # GREA_C2_0002 - MP 0.44 - Sign

Glossary of Terms and Abbreviations

Acc Info	Accessibility information available at trailhead.
Action	Action required to correct deficiency.
Admin Road	Administration Road. Admin Roads signed and advertised as trails are included in the trail inventory but a condition assessment is NOT done.
Alt SAMMS	SAMMS number of Alternate Facility Type.
Alt Type	Alternate Facility Type. Trail lies on a feature such as a levee, dam, administrative road or bridge, which has a separate SAMMS number.
AvgGrade	The average grade of the trail (%). The average of five measurements for trails less than two miles and ten measurements for trails equal to or greater than 2 miles.
AvgSlope	The average cross-slope of the trail (%). The average of five measurements for trails less than two miles and ten measurements for trails equal to or greater than 2 miles.
Check Dam	A small dam constructed across a drainage ditch, swale, or channel to lower the speed of concentrated flows.
Condition	Subjective rating of trail based on Facility Condition Index (FCI): FCI \leq .01 = Excellent FCI .02 - .05 = Good FCI .06 - .10 = Fair FCI .11 - .20 = Poor FCI $>$.20 = Failed
Crib Wall	Retaining wall.
Current Replacement Value (CRV)	The value of an asset determined by the estimated cost of replacing it.
Def type	Deficiency Type: Trail Structure, Drainage, Erosion, Obstacle, Trail Location, Other.
Deferred Maintenance (DM)	Maintenance that was not performed when scheduled.

Elem ID	Unique identifier for each trail section: Org Code-Trail Number-Section Number.
Facility Condition Index (FCI)	DM/CRV
Grouped Features	Grouped features include non-unique signs (mileposts, interpretive signs, species identification, etc.), water bars, check dams, steps, drain and drainage dips. For any given grouped feature, a GPS point and photo are taken for the first occurrence only and the total number of features in the group are entered into the “quantity” field of the data dictionary.
Info Type	Type of accessibility information available at trailhead: brochure, sign or other.
Item	Item on which the “Action” (see above) will be performed.
Manage_Use	Managed use of the trail: HIKE, BIKE, NSPC (non-specified), PACK, POR (portage), SNOWSHOE, XSKI (cross-country ski), OTHER.
MP	Distance of a trail feature or deficiency from the Trailhead.
Puncheon	Log footbridge used in area of poor drainage.
Raised Trail Structure	Boardwalk, Turnpike, Puncheon.
T Class	Trail Class: I-V (see Appendix ? for trail class descriptions).
Tr Desig	Trail Designation: Standard (Std), National Historic Trail (NHT), National Recreation Trail (NRT), National Scenic Trail (NST).
Turnpike	Trail tread elevated with dirt, rock or other aggregate from parallel side ditches and held in place by logs.